

**Daewoo Powered 500KVA / 443 KW Standby Rated Generator**

**ENGINE:**

***DOOSAN P180LE***

**(450KVA / 393KW PRIME POWER SEA LEVEL RATED)**

Water cooled, direct injection, turbo charged, 10 cylinders, 12.0 Litre, 4 stroke, 1500 RPM diesel engine. Electronically governed. 60% Block Load capacity.

**ALTERNATOR:**

***MARATHON ELECTRIC OR EQUIVALENT***

3 Phase and neutral, 400/230V, 50 Hz, brush less, IP21 enclosure, 1% voltage regulation at 1500 RPM, single bearing, Class H insulation with 10% overload facility.

**DRIVE:**

Flexible coupling with engine and alternator rigidly flanged together for true alignment and alternator rotor bolted directly to engine flywheel via flexi disc plates.

**FRAME:**

Simplex channel base with anti-vibration mounting between set and base. The simplex base includes the fuel tank designed for 12 hours duration / 2000 litres.

**CONTROL PANEL:**

AMF (Automatic Mains Fail) control panel.

**ACCESSORIES:**

Starter batteries (maintenance free type); and residential silencer system all set mounted plus water jacket heater.

**PHYSICAL**

**SPECIFICATINS:**

4.9m L x 2.9m W x 2.9m H and dry weight is 5000 kg's.

**NOTES:**

Set output at 0.8 PF 677 Amps / phase and at unity PF 541 Amps / phase at sea level. Height above sea level and temperature affect outputs quoted.

Complete and ready to run except for dieseline in tank and connections of load cables and or mains cables for AMF sets.